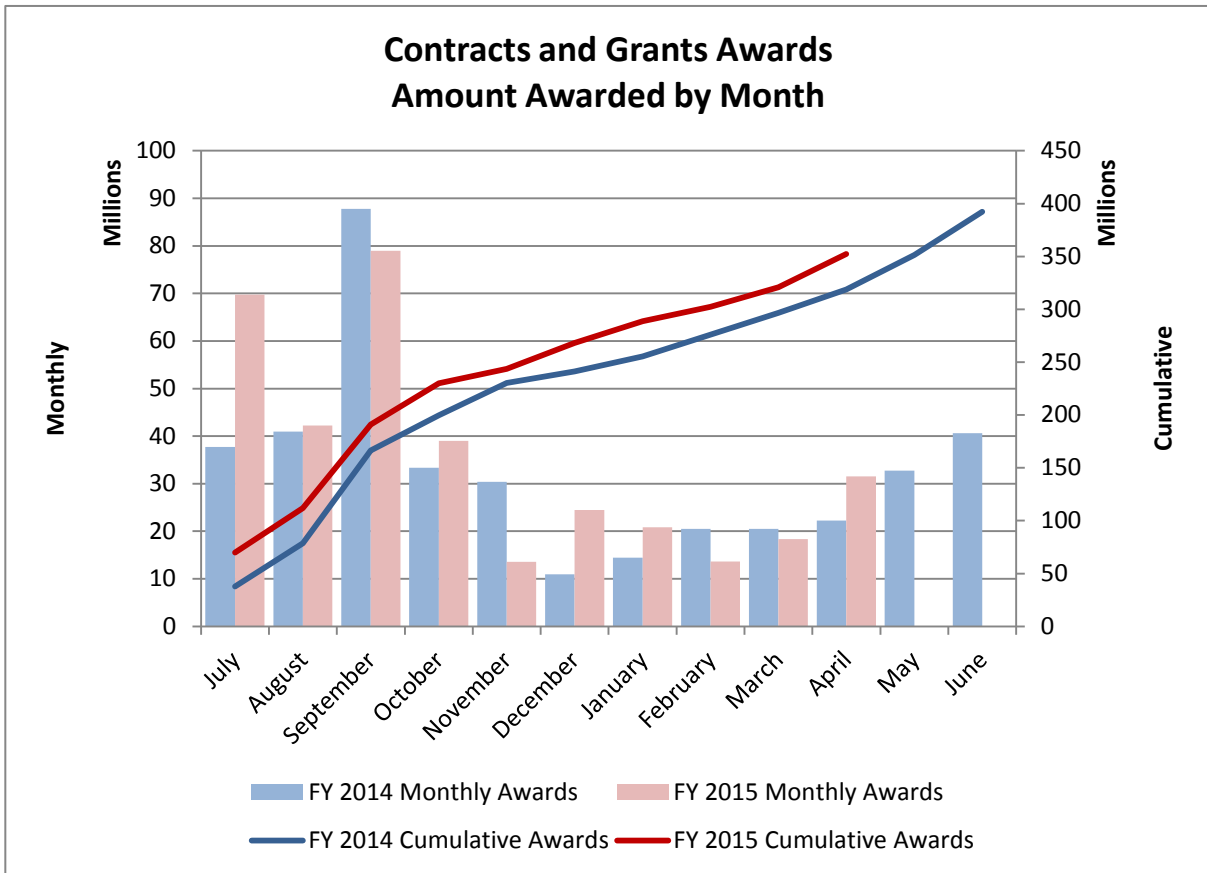
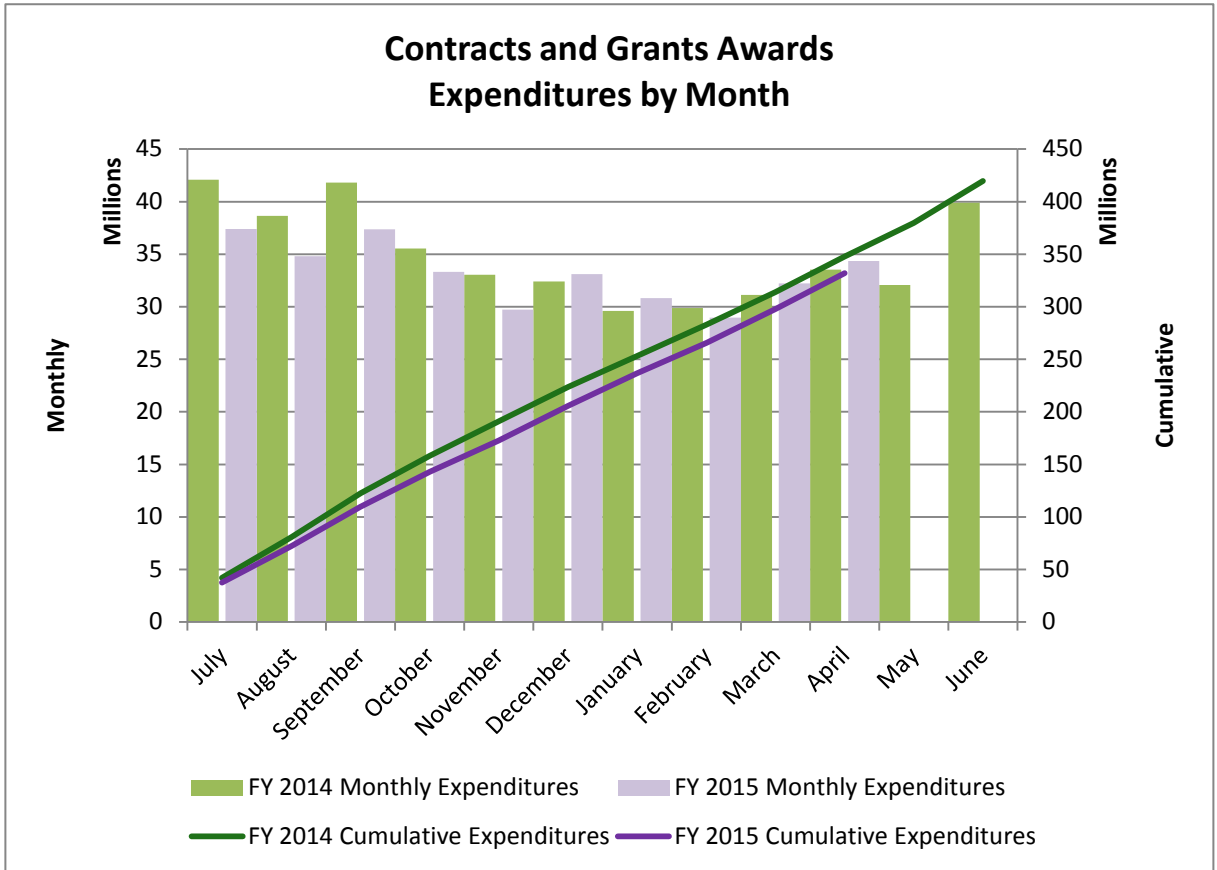


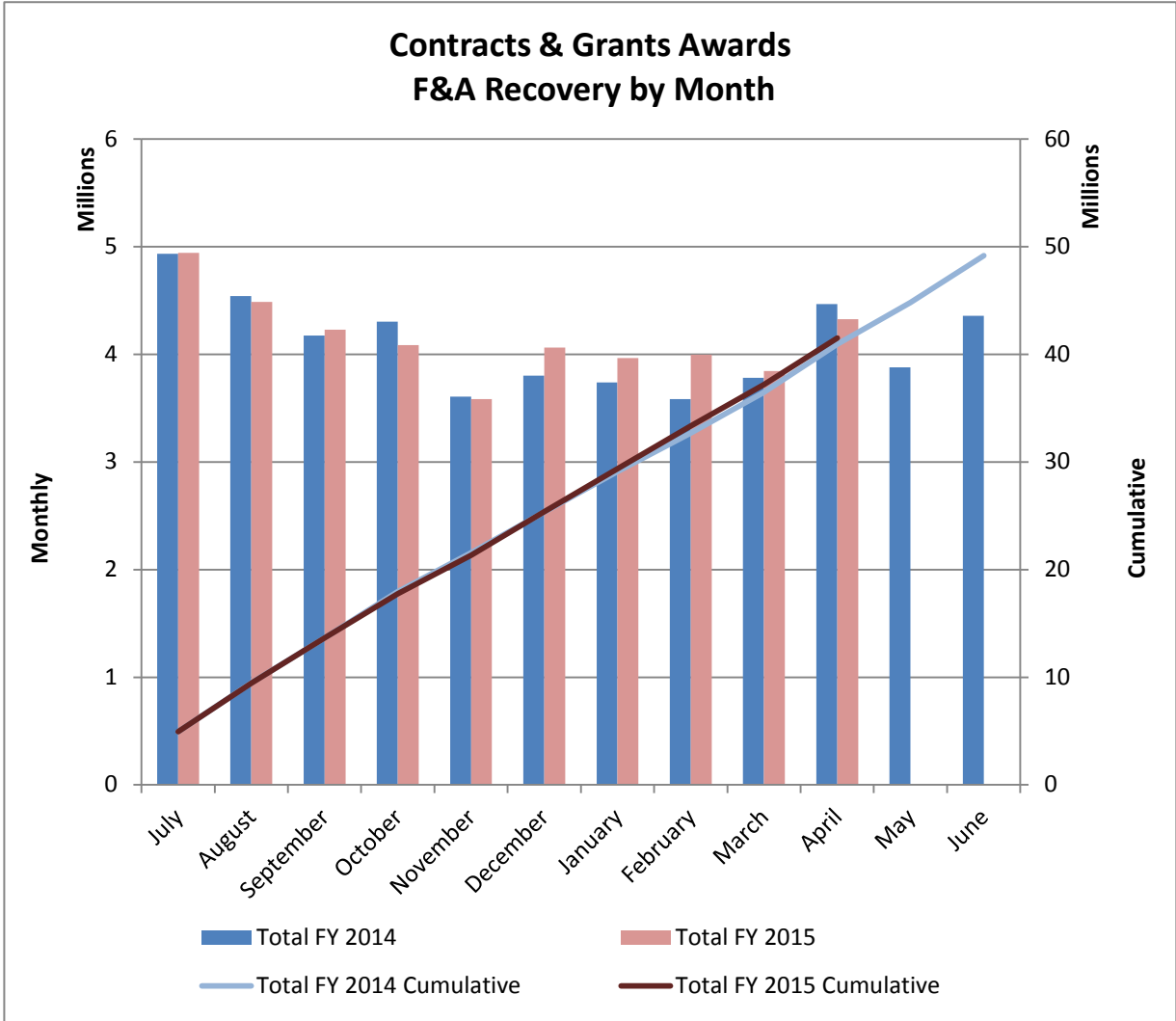
Contracts and Grants Awards
As of April 30, 2015



Contracts and Grants – Expenditures
As of April 30, 2015



Contracts and Grants Awards – F&A Recovery
As of April 30, 2015



Extramural Sponsor Awards Monthly Summary

<u>Program Type</u>	Apr 30, 2015		Apr 30, 2014	
	<u>Count</u>	<u>Amount</u>	<u>Count</u>	<u>Amount</u>
Non-Research	51	\$16,187,420	34	\$4,546,210
Research	86	\$15,588,798	97	\$18,143,846
<u>Total</u>	<u>137</u>	<u>\$31,776,218</u>	<u>131</u>	<u>\$22,690,056</u>

Note: The detailed award listing is available at:

<http://www.ors.hawaii.edu/index.php/bor-reports>

The FY 2014 year-to-date total was: \$318,707,172

The unofficial FY 2015 year-to-date total is: \$352,373,434

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-AGRI RSCH SVC-FED	Jack Grace	College of Tropical Agriculture and Human Resources	Control of Pests and Diseases and Adding Value to Specialty Crops		1	134,054
AGRICULTURE, DEPT-FED	Bruce Mathews	College of Agriculture, Forestry and Natural Resource Mgt	Preservation, molecular characterization and evaluation of salt and disease tolerance of Hawaiian and giant Taro cultivars for the Pacific Basin	The objectives of this research are to: 1) preserve and molecularly characterize Colocasia, Alocasia and Crytosperma grown in Hawaii and the Pacific Basin,2) determine salt tolerance of these cultivars 3) identify molecular markers for genes responsible for salt tolerance, disease resistance and other important phenotypes.	1	61,457

DHHS-Dept of Health and Human Services

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-FED	Marla Berry	Department of Cell and Molecular Biology	Mechanism of Selenoprotein Synthesis	Selenium is present in crucial antioxidant and redox enzymes that function in all aspects of life, from early development through diseases associated with aging, and most biological processes in between. We are investigating how cells incorporate selenium into proteins for the optimum health of the organism.	1	378,657
HEALTH & HUMAN SVC, DEPT-NIH-FED	Joseph Kaholokula	Department of Native Hawaiian Health	The KaHOLO Project: Preventing Cardiovascular Disease in Native Hawaiians		1	765,577
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CTR FOR RSCH RES	Jerris Robert Hedges	John A. Burns School of Medicine	RCMI Multidisciplinary and Translational Research Infrastructure Expansion Hawaii (RMATRIX)	Through the RCTR award, we propose to establish the RMATRIX as the integrated "home" for clinical and translational research infrastructure in the State of Hawai'i. By partnering with NCRR programs we seek to reorganize and expand the existing RCMI clinical and translational research infrastructure at UHM.	1	3,080,472

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL CTR FOR RSCH RES	Robert Nichols	John A. Burns School of Medicine	INBRE II: Hawaii Statewide Research and Education Partnership (HSREP)	Provide improved secondary education and biomedical research opportunities for the citizens of Hawaii at every level from community colleges through the state's medical school.	1	2,102,567
HEALTH & HUMAN SVC, DEPT-NIH-FED NATL INST MIN HLTH & DISP	Joseph Keawe'aimoku Kaholokula	Department of Native Hawaiian Health	PILI Ohana Project: Partnership to Overcome Obesity Disparities in Hawaii	The Partnership for Improving Lifestyle Interventions (PILI) Ohana Project is a community academic research partnership to design and test the efficacy of a weight-loss maintain program for Native Hawaiians and other Pacific Peoples and to identify aspect of the partnership that foster a co-learning and co-equal environment.	1	459,365

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT-NATL NOAA-FED	Alexander Shor	Joint Institute for Marine and Atmospheric Research (JIMAR)	Database of Marine Cultural Heritage Artifacts Offshore within the Hawaiian Islands		1	10,000
COMMERCE, DEPT-NATL NOAA-FED	Steven Businger	Joint Institute for Marine and Atmospheric Research (JIMAR)	Ship-based GPS Sensing of Precipitable Water		1	21,188

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-AIR FORCE RESEARCH LABORATORY	David Lassner	Maui High Performance Computing Center (MHPCC)	Transition of Operation, Management, and Research and Development Effort for the Maui High Performance Computing Center (MHPCC)	The objective of this contract is to provide for the orderly transition of contracted support for MHPCC under contract F29601-01-D-0083 to the US Army Corps of Engineers (USACE) managed High Performance Computing Modernization Program (HPCMP) Integrated Technical Services (HITS) contract.	1	522,392
DEFENSE, DEPT- EDUCATION ACTIVITY	Rebecca Ostertag	Biology (UH Hilo)	Developing Novel Ecosystems That Optimize Carbon Storage, Native Biodiversity and Human Mobility in Lowland Hawaiian Forests	Develop and evaluate a set of what we call 'hybrid ecosystems', in which a mix of native and non-native species maintains valuable forest structure and ecosystem services.	1	159,084

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-STRATEGIC ENV RSCH & DEV PROG	Creighton Litton	Natural Resources and Environmental Mgt	Recovery of native plant communities and ecological processes following removal of nonnative, invasive ungulates from Pacific Island forests		1	339,822

DOE-Dept of Energy

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ENERGY, DEPT	Jean St-Pierre	Hawaii Natural Energy Institute (HNEI)	The Effect of Airborne Contaminants on Fuel Cell Performance and Durability	The objective of the proposed work is to characterize, analyze, and understand the effects of airborne contaminants which have the potential to reduce the performance of durability of proton exchange membrane (PEM) fuel cells.	1	91,566

DOI-Dept of Interior

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
INTERIOR, DEPT-PACIFIC ISLANDS CLIMATE SCIENCE CTR	Kelvin Richards	International Pacific Research Center (IPRC)	Assessing the sustainability of culturally important marine sites in Guam and CNMI		1	107,335
INTERIOR, DEPT-PACIFIC ISLANDS CLIMATE SCIENCE CTR	Kelvin Richards	International Pacific Research Center (IPRC)	Center for Island Sustainability (CIS)		1	60,340

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JAPAN AGENCY MARINE-EARTH SCIENCE AND TECHNOLOGY	Kelvin Richards	International Pacific Research Center (IPRC)	JAMSTEC-IPRC	Provide an international research environment dedicated to improving understanding of the nature and predictability of climate variability in the Asia-Pacific sector, including influences of global environmental change within the region.	1	446,248

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
'OHU'OHU KO'OLAU INC	Clifford Morden	Department of Botany	"Getting to Know the Ko'olau" Community Conservation Project	Engage and lead the community in native forest restoration in the Ko'olau mountain	1	35,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				range, O'ahu.		
'OHU'OHU KO'OLAU INC	Clifford Morden	Department of Botany	Eradication of Tibouchina herbacea on Oahu, Pulling Together Initiative	Implementation of an eradication program for the highly invasive plant, cane ti (Tibouchina herbacea), at Poamoho at the summit of the Ko'olau mountain range.	1	65,685
'OHU'OHU KO'OLAU INC	Clifford Morden	Department of Botany	Pali Lookout Community Conservation Project	Engage and lead the community in native forest restoration at Pali Lookout, Oahu.	1	8,500

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-HI	Chittaranjan Ray	Water Resources Research Center	Review of Registration Documents for Selected Pesticides for use in Hawaii		1	4,950
AGRICULTURE, DEPT-HI	David Duffy	Department of Botany	Development of Best Practices for Managing Pest Ants in Agricultural Systems		1	150,000
HAWAIIAN HOME LANDS, DEPT-HI	Clifford Morden	Department of Botany	Mauna Kea Watershed Alliance Project Management Assistance	Mauna Kea Watershed Alliance will provide technical expertise to assist the Department of Hawaiian Homelands with invasive species control (e.g. gorse), tree maintenance, feral animal control, and native forest restoration.	1	58,238
HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Claudio Nigg	Dept of Public Health Sciences and Epidemiology	The State Epidemiological Outcomes Workgroup (SEOW) project		1	150,000
HEALTH, DEPT-DEVELOPMENTAL DC-HI	Satoru Izutsu	John A. Burns School of Medicine	DOH Neurotrauma Registry 2012	Develop and administer an voluntary registry of Hawaii residents who have neurotrauma injuries.	1	70,321
HEALTH, DEPT-EXEC OFF AGING-HI	Kathryn Braun	Dept of Public Health Sciences and Epidemiology	HAPEE-9 Coordination and Evaluation of the Healthy Aging Partnership	To coordinate and evaluate the Healthy Aging Partnership, a statewide effort to offer evidence-based health promotion programs for older adults	1	93,984

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-HAZARD EVAL & EMERGENCY RESPONSE	Raymond Uchida	Agricultural Diagnostic Service Center	Characterization of Hazardous Substances	The purpose of this project is to provide The State of Hawaii, Department of Health, Hazards Evaluation and Emergency Response office (HEER) with quick-turnaround analysis of unknown chemicals in various sample matrices (gas, liquids and solids), consultation and technical assistance for emergency response and management, development of new analytical methods, and assist in the training of hazardous materials emergency responders. HEER personnel manage site assessment and sample collection, and deliver samples to the laboratory. University personnel characterize the samples and quantify toxic chemicals. Findings are reported to HEER personnel. Consultation regarding the analytical results is provided when appropriate and needed.	1	125,110
HEALTH, DEPT-HI CLEAN WATER BRANCH	Marek Kirs	Water Resources Research Center	Application of Portable Multi-use Automated Concentration System (PMACS) for detection and quantification of indicator bacteria, microbial source tracking markers and human pathogens in Hawaii.		1	35,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Hilo Forest Reserve Management	Implement management actions for the Hilo Forest Reserve with the goal of protecting native forested ecosystems.	1	195,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Oahu Release of Strawberry Guava Biological Control Agent	Increase capacity and introduction rate of <i>Tectococcus ovatus</i> as a bio-control agent against strawberry guava on Oahu.	1	25,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Preventing the Extinction of <i>Gouania vitifolia</i> in the Waianae Mountains, Oahu	Prevent the extinction of a federally and state-listed endangered plant species, <i>Gouania vitifolia</i> by protecting native habitat in the Waianae Mountains, Oahu.	1	23,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	The State of Hawaii's Oahu Plant Extinction Prevention Program	Prevent the extinction of Oahu's critically endangered native plants through collection of genetic materials for future use in propagation and reintroduction into the wild.	1	7,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	Waianae Kai Watershed Forest Protection and Restoration Project	Conduct reforestation, weed control, and fire prevention within the Waianae Kai Forest Reserve, Oahu.	1	140,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Koolau Mountains Watershed Partnership Management Plan Implementation, FY 2011		1	281,500
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford W. Morden	Department of Botany	Statewide Plant Conservation Program		1	82,997
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Coordination and Planning of the Kauai Seabird Habitat Conservation Plan on Kauai, Hawaii	Complete a programmatic seabird habitat conservation plan and National Environmental Policy Act analysis for the incidental take of endangered seabirds due to light attraction.	1	230,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species in Maui County	Early detection program for invasive species focusing on priority plant target species which are those species that pose the greatest threat to native forests in Maui County.	1	11,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Detection and Control of Invasive Species in Maui County	Implement a country-wide strategy for early detection and control of invasive species in Maui County	1	1,033,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Hono O Na Pali Natural Area Reserve		1	514,239
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Implementation of the Statewide Wildlife Action Plan: Hawaii Island	Implement site- and species-specific recovery management plans for endangered native birds on the Big Island.	1	26,334
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Forest Bird Conservation Research and Management	Continue research and field management to restore endangered Hawaiian forest birds on Kauai.	1	77,859
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Seabird Conservation Research and Management: Seabird Monitoring	Survey and monitor the population size and distribution of two endangered and threatened native seabird species on Kauai.	1	186,960
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Kauai Endangered Seabird Conservation Research and Management: Underline Monitoring Project	Create a model to calculate island-wide rates of endangered and threatened seabird take from powerlines and develop and refine minimization methods.	1	318,142
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Management of Kanaio and Hanawi Natural Area Reserves		1	96,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Maui Nui Forest Restoration and Management		1	85,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Monitoring of Newell's Shearwater Colonies on Kauai	Monitoring of seabird colony activity and annual change of colony size through the use of song meters to assess the impact of predator control program.	1	21,493
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Predator Control for Newell's Shearwater Colonies on Kauai	Monitor and reduce overall predation rates by Barn Owls on Kauai seabird colonies.	1	64,318
LAND & NATURAL RES, DPT-FORST (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Volcano Rare Plant Facility (11)	Propagation and maintenance of endangered Hawaiian plant species at the volcano Rare Plant Facility.	1	167,885
LAND & NATURAL RES, DPT-FORST (DLNR)	Leyla Kaufman	Plant and Environmental Protection Sciences	Monitoring invasive species in Hawaii forest systems		1	41,339
LAND & NATURAL RESOURCES, DEPT (DLNR)	Paul Krushelnycky	Plant and Environmental Protection Sciences	Arthropod monitoring in relation to management activities at Kaena Point Natural Area Reserve		1	27,500
LAND & NATURAL RESOURCES, DEPT (DLNR)	William Haines	Plant and Environmental Protection Sciences	Captive rearing of the Orangeblack Hawaiian Damselfly, Megalagrion xanthomelas		1	8,259

Hawaii- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
QUEEN'S HOSPITAL MEDICAL CENTER	Gordon S. Okimoto	Cancer Etiology	Functional Genomics and Molecular Imaging of Liver Disease and Cancer	Using positron emission tomography/computed tomography (PET/CT) of liver cancer tissue, this study will perform integrated analysis of high-dimensional microarray data to enhance the identification of genes, pathways, and novel biomarkers for the early diagnosis of liver cancer.	1	10,957

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
OCEANIC INSTITUTE-CTR FOR TOP & SUB TROP AQUA (CTSA)	Maria Haws	Pacific Aquaculture and Coastal Resources Ctr	Increasing production and improving food safety for new Hawaii	Research on oyster depuration, nursery systems and Vibrio testing	1	3,000
Oceanwide Science Institute	Marc Lammers	Hawaii Institute of Marine Biology (HIMB)	Passive Acoustic Monitoring of Marine Mammal Activity in Support of Anthropogenic Impact Assessments		1	94,752

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
TRI-ISLE RES CONSERVATION & DEV COUNCIL	Clifford Morden	Department of Botany	East Maui Watershed Partnership: Pu'u Pahu Reserve, Protection & View Corridor Enhancement FY15	Removal of priority weed species from Pu'u Pahu Reserve along Haleakala Highway near entrance to Haleakala National Park.	1	12,800
UNIVERSITY HAWAII FOUNDATION	Alan Friedlander	Department of Zoology	The Oio Tagging Project: engaging the fishing community in research and sustainable use of a culturally important species		1	24,000
UNIVERSITY HAWAII FOUNDATION	Anne Alvarez	Plant and Environmental Protection Sciences	New methodologies for Identification of Bacteria in Environmental Samples		1	10,000
UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanography	Victor and Peggy Brandstrom Pavel Endowed Chair in SOEST		1	50,000
UNIVERSITY HAWAII FOUNDATION	Peter Crouch	College of Engineering	Engineering Research Initiative		1	32,688

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
BOEING COMPANY-BOEING LASER TECH SVCS	Jeffrey Kuhn	Institute for Astronomy	UH R&D Support (ODC)	Implement HiVIS, and AO systems for AEOS telescope. Maintain and provide support for AEOS operations and data acquisition.	1	61,000
InnoSys, Inc	Gary Varner	Department of Physics and Astronomy	Design and Implementation of Digital Electronics for Fast Readout and Processing of Multi-Channel Experimental Data	Provide circuit and firmware design and design support for the prototype proposed device: Scalable Triggered Readout and Advanced Processing unit (STRAP).	1	49,500
SPACE TELESCOPE SCIENCE INSTITUTE	Jessica Lu	Institute for Astronomy	The IMF and Internal Kinematics of the Massive Young Star Cluster, Westerlund 1	We propose to measure the initial mass function (IMF) and kinematics of the most massive young star cluster known in our Galaxy, Westerlund1, in order to determine how star formation proceeded in this dense starburst environment.	1	65,607
THIRTY METER TELESCOPE OBSERVATORY CORP	David Duffy	Department of Botany	Implementation of a Biological Monitoring and Inspection Protocol on Mauna Kea	Develop and implement biological monitoring and invasive species prevention protocols for a proposed observatory construction site on the summit of Mauna Kea.	1	142,798
WIYN CONSORTIUM INC	Peter Onaka	Institute for Astronomy	WIYN ODI 5X5 Upgrade Support		1	30,692

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Mainland- Health Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Beth Israel Deaconess Medical Center	Shugeng Cao	Natural Products	Remedying Dysfunctional Angiogenesis and Tissue Ischemia with Barleria Lupulina	Cao Lab focuses on separation and structure determination of compounds from Barleria lupulina. Fractions will be transferred to Senger laboratory for assays. Active fractions will further be separated. These purified compounds will be tested at Senger laboratory. Once pure active compounds have been identified, efforts will focus on scale up separation.	1	134,495

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Institute for Wildlife Studies	Megan Donahue	Hawaii Institute of Marine Biology (HIMB)	Natural Resource Condition Assessment for Puukohola Heiau National Historic Site, Kaloko-Honokohau National Historical Park, and Puuhonua o Hoanau National Historical Park		1	19,682
Laurence H Dorcy Hawaiian Foundation	David Duffy	Department of Botany	Little Fire Ants: Stopping the Spread	Support Maui's needs to control the Nahiku infestation of the Little Fire Ant.	1	45,000
National Pork Board	Rajesh Jha	Human Nutrition, Food and Animal Sciences	Enhancing Nutrient Utilization of Corn DDGS by Feed Enzymes in the Pig Intestine		1	83,205
Ocean Exploration Trust	Alexander Shor	School of Ocean and Earth Science and Technology	ROV Pilot Support aboard M/V Nautilus		1	23,100
SOUTHWEST RESEARCH INSTITUTE	Robert Jedicke	Institute for Astronomy	Solar System Exploration Research Virtual Institute (SSERVI)		1	15,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Kimberly Binsted	Information and Computer Sciences	Key contributors to the maintenance and regulation of team function and performance on long duration exploration missions	HI-SEAS (Hawaii Space Exploration Analog and Simulation) is a habitat on an isolated Mars-like site on the Mauna Loa side of the saddle area on the Big Island of Hawaii at approximately 8200 feet above sea level. HI-SEAS is unique, in addition to its setting in a	1	212,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				<p>distinctive analog environment, as:</p> <ul style="list-style-type: none"> - we select the crew to meet our research needs (in serendipitous analogs, such as Antarctic stations, crew selection criteria are not controlled by researchers); - the conditions (habitat, mission, communications, etc.) are explicitly designed to be similar to those of a planetary exploration mission; - the site is accessible year round, allowing longer-duration isolated and confined environment studies than at other locations; - the Mars-like environment offers the potential for analog tasks, such as geological field work by human explorers and/or robots. <p>The ability to select crew members to meet research needs and isolate them in a managed simulation performing under specific mission profiles makes HI-SEAS ideal for detailed studies in space-flight crew dynamics, behaviors, roles and performance, especially for long-duration missions. To take advantage of this capability, the research in this proposal addresses the IRP Gap Team1: We need to understand the key threats, indicators, and life cycle of the team for autonomous, long duration and/or distance exploration missions. In particular, we will conduct a ground-based investigation to measure and track the factors expected to have significant impacts on team function and performance, and assess that impact, over three high-autonomy missions of differing durations (four, eight, and twelve months).</p> <p>During crew selection for each mission we will measure participants cognitive capacities, communication skills, preferred communication strategies, interpersonal strategies, coping strategies, mission and crew role specific knowledge, and planning and collaborative problem solving ability. During the missions we will mo</p>		

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Richard Edwin Griffiths	Physics and Astronomy	X-ray Selected Active Galactic Nuclei at High Redshift: Halo Masses and Sources of the Soft X-ray Background Counts	The project will exploit the Chandra 4.8 Ms survey of the 2 square degree COSMOS field, following the successful 2.8 Ms Cycle 14 observing proposal by Civano et al. that resulted in a unique dataset with no proprietary period and follows the 1.8 Ms CXO survey. It focuses on studies of active galactic nuclei at high redshift through halo occupation distribution and correlations of Xray background counts with backgrounds and discrete sources at long wavelengths. COSMOS is a magnet survey field studied initially using HST, followed up using all major space and ground-based observatories. The study will use the COSMOS-Legacy data from the Chandra Xray Observatory along with data from HST and Spitzer. Goals of the study are to seek the connection between AGN and dark matter halos at high redshift, when large-scale structures were initially forming; and to seek a connection between the high redshift AGN and infrared sources detected using Spitzer and HyperSuprimeCam on Subaru.	1	187,365

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	David Beilman	Geography (UH Manoa)	Collaborative Research: Data-model comparison of Holocene Pacific hydroclimate variability on the Hawaiian Islands using geochemical records and SynTraCE-21 simulations	The research objective of this proposal is to reconstruct the regional hydroclimatic conditions on the Hawaiian Islands during the Holocene, and investigate how these changes are related to variations in the dominant modes of climate variability over the Pacific. Combining newly derived hydroclimate paleodata with existing transient paleoclimate model simulations from SynTraCE-21, the primary objective is to explore how the North Pacific circulation responded to external forcing and what caused low-frequency variations of the mean climate state and changes in the high-frequency variability. Through the combination of paleodata with simulations of coupled ocean-atmosphere general circulation models, project's goal is to	1	359,200

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				provide physically consistent explanations for the recorded regional hydroclimate changes. The research therefore will investigate the scale-interaction between large-scale climate modes and local micro-climates.		
NATIONAL SCIENCE FOUNDATION	Jason Leigh	College of Natural Sciences	SI2-SSI: SAGEnext: Next Generation Integrated Persistent Visualization and Collaboration Services for Global Cyberinfrastructure	The project will develop SAGEnext- the next generation of the Scalable Adaptive Graphics Environment.	1	16,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	Jingjing Li	Mechanical Engineering	Friction Stir Blind Riveting for Dissimilar Materials	<p>The objective of this research project is to gain fundamental understanding of a novel one-sided friction stir joining process of dissimilar materials through Friction Stir Blind Riveting, viz. FSBR. Joining dissimilar materials with different weights or functionalities is increasingly demanded but limited by traditional joining methods such as fusion welding due to the different material melting temperatures. FSBR is a mechanical joining method, where a blind rivet rotating at high speed with contact of the workpieces to generate friction heat and thus to soften the workpiece materials and drive the rivet into the workpieces under reduced force. Once it fully inserted, the blind rivet is pulled upset to fasten the workpieces as a conventional blind riveting process and the internal mandrel will be discarded for mass saving. We hypothesize that FSBR can effectively join lightweight dissimilar materials, such as Magnesium/Aluminum and Aluminum/Carbon fiber composite and investigate the correlations among process, material microstructure and property for this new joining process. The PIs have significant and relevant expertise in joining technology, numerical simulation, material characterization and modeling for both metal and composite to ensure the success of this research.</p> <p>Intellectual Merits. This research proposal will advance effective joining method for dissimilar materials, and explore the nature of material behavior, microstructure evolution and their relationships between process and joint performance. To accomplish this, the FSBR will be studied through experimental, modeling, and material analyses in the following four approaches: 1) The intrinsic forces, torques and temperature will be measured during the FSBR process and effects of process parameters on material flow (characterized via digital image correlation method) and joint strength will be</p>	1	10,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
				experimentally investigated; 2) A comprehensive microstructure analysis will be conducted to investigate the		
NATIONAL SCIENCE FOUNDATION	Robert Toonen	Hawaii Institute of Marine Biology (HIMB)	RCN: Diversity of the Indo-Pacific Network (DIPnet): A collaborative research network and database for advancing marine biodiversity research	This proposal for a research coordination network seeks to develop a collaborative network and database for Indo-Pacific genetic data.	1	131,992
NATIONAL SCIENCE FOUNDATION	Shadia Habbal	Institute for Astronomy	Collaborative Research: Large Scale Structures and Solar Wind Origin from Eclipse Observations of Coronal Lines		1	81,916

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
ALASKA FAIRBANKS, UNIVERSITY OF	Milton Garces	Hawaii Institute of Geophysics and Planetology (HIGP)	Operational Support of Infrasond and Primary and Auxiliary Seismic Station for the International Monitoring System (IMS)		2	26,000
ARIZONA STATE UNIVERSITY	Joseph Boyce	Hawaii Institute of Geophysics and Planetology (HIGP)	LROC Targeting and Scientific Analysis	This proposal to conduct scientific studies of images collected by the Lunar Reconnaissance Orbiter Camera.	1	17,334
CALIFORNIA SAN DIEGO, UNIV	Mark Merrifield	Joint Institute for Marine and Atmospheric Research (JIMAR)	PILOT: Coastal Run-up and Fringing Reefs	Please see narrative attached to Sponsor Application Package.	1	49,999
CALIFORNIA SAN DIEGO, UNIV-SCRIPPS INST OF OCEAN	Eric Firing	Joint Institute for Marine and Atmospheric Research (JIMAR)	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2015-2020		1	60,837
HOWARD UNIVERSITY	Norine Wing Yeung Hayes	Pacific Biosciences Research Center	Hawaiian Land Snails Extinction Prevention: Assessing a Vanishing Fauna		1	71,997
JOHNS HOPKINS UNIVERSITY	Jeffrey Gillis-davis	Hawaii Institute of Geophysics and Planetology (HIGP)	Thermal and Irradiation Space Weathering Processes		1	53,000
South Carolina, University of	Shiv Sharma	Hawaii Institute of Geophysics and Planetology (HIGP)	Miniature Spatial Heterodyne Time-Resolved Raman Spectrometer (SHRS) for Planetary Surface and Subsurface Boreholes Mineralogy		1	121,507

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
SOUTH DAKOTA STATE UNIVERSITY	Richard Ogoshi	Tropical Plant and Soil Science	Regional Biomass Feedstock Partnership - Herbaceous Crop Field Trials - Energycane		1	17,413
SOUTHERN CALIFORNIA, UNIVERSITY OF	Grieg Steward	Department of Oceanography	Genomic and Proteomic Characterization of Uncultivated Viruses from Large-Volume Samples of Crustal Fluids from the Juan de Fuca Ridge Flank		1	63,225
Research - Total					86	15,588,798

Non-Research

DA-Dept of Agriculture

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
AGRICULTURE, DEPT-FED	Jason Cifra	Vice Chancellor for Student Affairs (Hawaii CC)	Distance Learning and Telemedicine Grant	Hawaii Community College (HawCC) is proposing a non-fixed distance learning application that will expand access to educational opportunities to the entirety of the Hawaii island. Through this project, HawCC will bring interactive HD capable video to the laptop, handheld or tablet with the capability of using cellular network as an alternative to broadband technologies (which simply are not available in many rural areas). This project will expand access to educational opportunities that are focused on college and career readiness, providing all Hawaii's residents with the skills, education and industry certifications required to obtain skilled-wage employment. It will also provide connections to Big Island High Schools, offering distance learning opportunities for dual enrollment and college prep classes in an effort to address the significantly high rate remediation rates in Hawaii.	1	486,664
AGRICULTURE, DEPT-FED	Sydney Wood Garrison	Media Production Center	Windward CC Distance Learning Initiative		1	259,740

DHHS-Dept of Health and Human Services

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH & HUMAN SVC, DEPT-HRSA-FED MATERNAL & CHILD HLTH	Jean Johnson	Center on Disability Studies/University Affiliated Pgms	Ajiri in Ibwinini		1	250,000
HEALTH & HUMAN SVC, DEPT-HRSA-FED MATERNAL & CHILD HLTH	Louise Iwaishi	Department of Pediatrics	EMSC Partnership Grants	Hawaii EMSC Program summary	1	130,000

DOC-Dept of Commerce

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COMMERCE, DEPT- MINORITY BUSN DEV AGENCY-FED	John Morton	Office of the Vice President for Community Colleges	Honolulu Minority Business Center, April 1, 2011 to March 31, 2016	The Minority Business Development Agency Award supports the Honolulu Minority Business Enterprise Center that will provide economic development and technical assistance work to minority enterprises located in Hawaii.	1	295,500

DOD-Department of Defense

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
DEFENSE, DEPT-NATIONAL SECURITY AGY	Cynthia Ning	Center for Chinese Studies	STARTALK-CI Hawaii Chinese Camp & Institute		1	112,497

Federal Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATL ENDOWMENT FOR THE ARTS	Timothy Slaughter	Community Programs	Asia Pacific Dance Festival 2015		1	10,000

Foreign

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
American Samoa, Government- Department of Education	Jon Yoshioka	Institute for Teacher Education	American Samoa Territorial Teacher Training Assistance Project 2015		1	2,228,795
Aoyama Gakuin University	Spencer Kimura	William S. Richardson School of Law	AOYAMA GAKUIN UNIVERSITY STUDY TOUR		1	7,500
Chuo University	R Anderson Sutton	International & Exch Prog	Chuo Overseas Exchange		1	46,040

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Palau, Republic of- Ministry of Health	Kristine Ann Qureshi	Department of Nursing	Palau Healthcare Policy and Quality Project	Palau Ministry of Health (MOH) seeks technical assistance from the CONTRACTOR to undertake the following work. This Agreement for Services establishes the terms and conditions by which the PALAU MOH and the CONTRACTOR will work together in the areas of standard operating procedures and related QA-QI activities. The Palau MOH is currently updating and developing new standard policies and procedures (P&Ps) throughout its bureaus, divisions, departments, units and offices; beginning to integrate QA-QI processes and practices in daily operational activities for improvement; and building a QA-QI program to support these. External technical assistance is needed to continue to provide guidance and assistance to standardize the format of all P&Ps throughout MOH; assist managers, administrator and supervisors who have been unable to finalize their P&Ps, and continue to develop the QA-QI program.	1	12,000
QUEEN'S UNIVERSITY BELFAST	Kenneth Chambers	Institute for Astronomy	Queen's University Belfast Participation in the Pan-STARRS NEO Survey		1	500,001
RYUKYUS, UNIVERSITY OF	Spencer Kimura	William S. Richardson School of Law	University of Ryukyus Study Tour	Provide education and tour for students and faculty from the University of Ryukyus on the American Legal System.	1	7,000

Hawaii- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
KAMEHAMEHA SCHOOLS	Edward Cashman	Hawai'inuiakea School of Hawaiian Knowledge	University of Hawaii Manoa/Ka Papa Loi o Punaluu		1	7,225
Pulama Lanai	Tomone K T Hanada	University of Hawaii Center, Maui	Pulama Lanai Dual Enrollment Project	Maximizing access for Lanai High and Elementary School (LHES) students to enroll in dual-credit classes with UHMC	1	100,000

Hawaii- Dept of Education

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
EDUCATION, DEPT-HI	Christopher Manaseri	Liberal Arts and Public Services	2015 Child Care Food Program	Hawaii child nutrition program for Hawaii Community College's Children's Center.	1	4,907
EDUCATION, DEPT-HI	Robert Franco	Office for Institutional Effectiveness	Mindful Learning Center (construction)	Construction of portable modular to serve as Mindful Learning Center at Waikiki Elementary School. DOE funds will supplement HUD funds.	1	580,000

Hawaii- Government Agencies

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COUNTY MAUI OFC OF ECON DEVEL	Cathy Wiltse	Hawaii Small Business Development Center	Hawaii Business Research Library	The Hawaii Business Research Library is a multiservice, small business, reference and research center staffed by an expert researcher. The researcher can and does address information requests across all areas of business. The HBRLs resources are enhanced by online computer access to commercial databases covering all fields of business, trade journals, business periodicals, and market research tools. These tools provide current demographic estimates of standard or customized geographical areas. The HBRL also annually publishes and maintains the Maui County Data Book for the County of Maui and brochures focused on specific business subjects.	1	72,100
HAWAIIAN AFFAIRS, OFFICE OF	Kinohi Gomes	Center For Gifted And Talented Native Hawaiian Children	Contract Between Office of Hawaiian Affairs and University of Hawaii, Office of Research Services (ORS)	The project aligns with OHAs Strategic Priority of Hoonaaauao to maximize choice of life and work, Native Hawaiians will gain knowledge and excel in educational opportunities at all levels. The project is designed to meet the needs of the Hawaiian community by providing access to educational experiences that would develop them to the highest potential and promote the teaching of Hawaiian culture, language, and history. Na Pua Noeau shall provide educational enrichment programs for Native Hawaiian children in grades K through 12 throughout the State.	1	896,232

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
HEALTH, DEPT-ALCOHOL & DRUG ABUSE DIV-HI	Errol Yudko	Psychology (UH Hilo)	Lanakila Learning Center	The Lanakila Learning Center is an alternative learning center servicing 12-24 high school students of predominantly Native Hawaiian ancestry. The program helps to develop the students across six domains: academic, career, personal, family, the enrichment of culture and recreation.	1	115,000
HEALTH, DEPT-HI	Andrew Nichols	Health & Wellness	Smoke-Free Campus Campaign		1	10,000
HUMAN SERVICES, DEPT-HI	Susan Miller	Center on Disability Studies/University Affiliated Pgms	Hawaii State Department of Human Services, Vocational Rehabilitation and Services for Blind Division (VRSBD)		1	72,000
LAND & NATURAL RES, DPT-FORST (DLNR)	Clifford Morden	Department of Botany	The State of Hawaii's Plant Extinction Prevention Program Retreat 2015	Hold a staff retreat for the entire statewide Plant Extinction Prevention Program (PEPP) in 2015 to enable strategic planning, discussion of specific issues, and development of goals and objectives.	1	13,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Ahihi-Kinaiu Natural Area Reserve Education and Outreach	Develop an education and outreach program for the Ahihi-Kinaiu natural area reserve on Maui.	1	40,000
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Koloa Recovery Information, Education, and Outreach	Conduct outreach to educate public on the necessity of removing mallard and mallard hybrid ducks for the protection of native Koloa Maoli ducks on Kauai.	1	21,389
LAND & NATURAL RES, DPT-FORST (DLNR)	David Duffy	Department of Botany	Native Ecosystem Protection and Management Section Liaison	Increase interaction and dialogue between various conservation programs, including watershed partnerships, Natural Area Reserves system and the Rare Plant Program.	1	76,164
LAND & NATURAL RESOURCES, DEPT (DLNR)	Kenneth Kaneshiro	Pacific Biosciences Research Center	Na Ala Hele Trail Access and Management - Maui	The objective of this project is to provide public outreach, trail monitoring, volunteer coordination as well as continue standard maintenance on Mauis public hiking trails, roads and management areas in a manner consistent with Division of Forestry and Wildlife (DOFAWs) statewide trail and access program.	1	101,910

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY CLINICAL EDUCATIONAL & RSCH ASSOC (UCERA)	Cecilia Shikuma	Hawaii Center for Aids Research	UCERA and John A. Burns Foundation SUBCONTRACT	This agreement is to provide technical and support staff supervised directly by the Departments of the John A. Burns School of Medicine for which the UCERA contractual funding is helping to build and sustain these departments.	1	162,374

Hawaii- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
COALITION DRUG-FREE HAWAII	Velma Kameoka	Social Science Research Institute	Performance Assessment of the Drug-Free Community Program	To assess the effectiveness of the Office of National Drug Control Policy (ONDCP) and the Department of Health and Human Services (HHS), Substance Abuse and Mental Health Services (SAMHSA), Center for Substance Abuse Prevention (CSAP) sponsored Drug Free Communities (DFC) Support Program in meeting goals and objectives specified in DFC's five-year strategic plan designed to address community factors that increase risk for substance use and promote factors that minimize risk for substance abuse among youth.	1	20,000
Domestic Violence Action Center	Laurie Lawrence	Chancellor, Leeward Community College	Made in Hope MOA		1	2,000
HAWAII COMMUNITY FOUNDATION (HCF)	Michael Hamnett	Social Science Research Institute	Reef Connections-Integrating the Kupuna	Funds from this project will allow us support science and cultural learning exchanges with public school kupuna. It will help fund a part-time education coordinator and a student help. They will introduce teachers to Reef Pulse Hawaii (www.reefpulsehawaii.com) and also provide logistical support for in class speakers, field trips and help build partnerships with community partners.	1	5,000
MAUI ECONOMIC DEVELOPMENT BOARD INC	Myhraliza Aala	College of Engineering	University of Hawaii RISE Interns	Funds to support COE Interns	1	14,694

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Amirhossein Amiraslani	Science, Technology, Engineering and Mathematics Department	Project Heluna: A Program for Mathematically Talented Students of Maui	To support UH Maui College Project Heluna which is a program to find and train mathematically talented high school students of Maui	1	14,250
UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Medical and Legal Partnership for Children		1	7,000
UNIVERSITY HAWAII FOUNDATION	Darren Lerner	Sea Grant College Program	Coconut Island Energy Efficiency & Sustainability	To support development of a water catchment system at the Hawaii Institute of Marine Biology on Coconut Island. This will include engaging a graduate student in Engineering for research and design of a functional water catchment system, and to develop a plan for implementation, and support for faculty oversight of the graduate student. This also provides salary and fringe benefit support for ongoing implementation of the Power Purchasing Agreement relating to solar panel generation of electricity for the HIMB research facilities at Coconut Island, and for oversight and coordination of the construction and installation phases of this project.	1	21,376
UNIVERSITY HAWAII FOUNDATION	John Morton	Office of the Vice President for Community Colleges	Culinary Institute of the Pacific	To provide capital improvements for the Culinary Institute of the Pacific. Includes acquiring building permits and necessary drawing changes to reflect building code changes and conditions from the Diamond Head Scenic District permit.	1	4,374,814
UNIVERSITY HAWAII FOUNDATION	Kenneth Nakamura	Department of Pediatrics	American Lung Association of Hawaii Endowed Chair in Neonatal Respiratory Health Fund	Salary and fringe for Physician-Scientist and Mentor.	1	18,147
UNIVERSITY HAWAII FOUNDATION	Lorna Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UH Hilo Beekeeping Program	The project is to promote honey bee awareness through private donations which support UHH beekeeping courses. the request is for clerical and maintenance support.	1	25,000
UNIVERSITY HAWAII FOUNDATION	Robert McLaren	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	Salary support for Dr. Adam Bolton from the Beatrice Watson Parrent Fellowship Endowment at the Institute for Astronomy.	1	22,052
UNIVERSITY HAWAII FOUNDATION	Sang-Hyop Lee	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	10,000

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
UNIVERSITY HAWAII FOUNDATION	Sang-Hyop Lee	Center for Korean Studies	CKS Educational Activities	Pay for honoraria and faculty overload.	1	5,000

Mainland- Business and Other

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Leidos	Stephen Meder	Facilities Management	Hawaii Energy Efficiency Program		1	34,560

Mainland- Non-Profit Organizations

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
American Bird Conservancy	David Duffy	Department of Botany	Constructing a Predator-Proof Fence at Kilauea Point National Wildlife Refuge, Hawaii	Build a predator proof fence and remove invasive mammals from native seabird habitat in Kilauea Point National Wildlife Refuge on Kauai.	1	113,397
ANHEUSER-BUSCH COMPANIES- AH BUSCH FDTN	Andrew Nichols	Health & Wellness	Manoa Alcohol Project	Provide social norms-based alcohol prevention campaign targeted at undergraduates of UH-Manoa.	1	25,000
XPRIZE Foundation	Alexander Shor	School of Ocean and Earth Science and Technology	Support of Wendy Schmidt Ocean Health XPRIZE Competition Cruise using R/V Kilo Moana in the Northeast Pacific Ocean, May 2015		1	279,000

National Aeronautics and Space Administration

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL AERONAUT & SPACE ADM	Alan Tokunaga	Institute for Astronomy	Operations and Maintenance of the Infrared Telescope Facility (IRTF) for NASA Headquarters		1	3,712,678

National Science Foundation

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
NATIONAL SCIENCE FOUNDATION	David Lassner	Office of the VP for Information Tech/Chief Info Officer	IRNC Backbone: SXTransPORT Pacific Islands Research & Education Network	Support high performance network connectivity required by international science and engineering research and education collaborations	1	580,769

Gift, Grants, and Contracts for Apr 1, 2015 to Apr 30, 2015

US Colleges and Universities

Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
JOHNS HOPKINS UNIVERSITY	Alexander Shor	School of Ocean and Earth Science and Technology	Proposal to Provide RV KOK in 2015 for a Johns Hopkins University project with DARPA Support	University of Hawaii proposes to provide its vessel R/V Ka'Imikai O Kanaloa (RV KOK) for at-sea research during April-May of 2015. Planned vessel use is funded to The Johns Hopkins University Advanced Physics Laboratory (JHUAPL) by the Defense Advanced Research Projects Agency (DARPA), and is in support of federally sponsored research objectives. (Approved for Public Release, Distribution Unlimited)	1	155,000
KANSAS STATE UNIVERSITY	Claire Nakatsuka	Oahu County	2015 Military/Extension Partnerships Youth Camps		1	39,646
SOUTHERN CALIFORNIA, UNIVERSITY OF	Grieg Steward	Department of Oceanography	Characterizing Viruses and Their Influence on the Microbial Community Within the Basement Fluids of the Juan de Fuca Ridge Flank		1	60,000
UNIVERSITY OF NEBRASKA - LINCOLN	Claire Nakatsuka	Oahu County	Childcare Youth Training And Technical Assistance Project		1	29,999
Non-Research - Total					51	16,187,420
Overall - Total					137	31,776,218

Funds Received from UH Foundation for Apr 1, 2015 to Apr 30, 2015

Non-Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Kenneth Nakamura	Department of Pediatrics	American Lung Association of Hawaii Endowed Chair in Neonatal Respiratory Health Fund	Salary and fringe for Physician-Scientist and Mentor.	1	18,147
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Sang-Hyop Lee	Center for Korean Studies	Basic Institutional Needs	Pay for student hourly wages.	1	10,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Robert McLaren	Institute for Astronomy	Beatrice Watson Parrent Fellowship in Astronomy	Salary support for Dr. Adam Bolton from the Beatrice Watson Parrent Fellowship Endowment at the Institute for Astronomy.	1	22,052
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Sang-Hyop Lee	Center for Korean Studies	CKS Educational Activities	Pay for honoraria and faculty overload.	1	5,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Darren Lerner	Sea Grant College Program	Coconut Island Energy Efficiency & Sustainability	To support development of a water catchment system at the Hawaii Institute of Marine Biology on Coconut Island. This will include engaging a graduate student in Engineering for research and design of a functional water catchment system, and to develop a plan for implementation, and support for faculty oversight of the graduate student. This also provides salary and fringe benefit support for ongoing implementation of the Power Purchasing Agreement relating to solar panel generation of electricity for the HIMB research facilities at Coconut Island, and for oversight and coordination of the construction and installation phases of this project.	1	21,376
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	John Morton	Office of the Vice President for Community Colleges	Culinary Institute of the Pacific	To provide capital improvements for the Culinary Institute of the Pacific. Includes acquiring building permits and necessary drawing changes to reflect building code changes and conditions from the Diamond Head Scenic District permit.	1	4,374,814
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Aviam Soifer	William S. Richardson School of Law	Medical and Legal Partnership for Children		1	7,000

Funds Received from UH Foundation for Apr 1, 2015 to Apr 30, 2015

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Amirhoss Amiraslar	Science, Technology, Engineering and Mathematics Department	Project Heluna: A Program for Mathematically Talented Students of Maui	To support UH Maui College Project Heluna which is a program to find and train mathematically talented high school students of Maui	1	14,250
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Lorna Tsutsumi	College of Agriculture, Forestry and Natural Resource Mgt	UH Hilo Beekeeping Program	The project is to promote honey bee awareness through private donations which support UHH beekeeping courses. the request is for clerical and maintenance support.	1	25,000

Research

Sponsor Type	Award Sponsor	PI Name	Department	Title	Project Goals	Award Count	Award Amount
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Peter Crouch	College of Engineering	Engineering Research Initiative		1	32,688
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Anne Alvarez	Plant and Environmenta Protection Sciences	New methodologies for Identification of Bacteria in Environmental Samples		1	10,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	Alan Friedland	Department of Zoology	The Oio Tagging Project: engaging the fishing community in research and sustainable use of a culturally important species		1	24,000
Hawaii- Non-Profit Organizations	UNIVERSITY HAWAII FOUNDATION	David Karl	Department of Oceanograph	Victor and Peggy Brandstrom Pavel Endowed Chair in SOEST		1	50,000
Overall - Total						13	4,614,327

**Extramural Research Awards for the Month
Apr 1, 2015 to Apr 30, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	2	195,511	1%
DHHS-Dept of Health and Human Services	5	6,786,638	44%
DOC-Dept of Commerce	2	31,188	0%
DOD-Department of Defense	3	1,021,298	7%
DOE-Dept of Energy	1	91,566	1%
DOI-Dept of Interior	2	167,675	1%
Foreign	1	446,248	3%
Hawaii- Business and Other	3	109,185	1%
Hawaii- Government Agencies	31	4,351,428	28%
Hawaii- Health Organizations	1	10,957	0%
Hawaii- Non-Profit Organizations	7	227,240	1%
Mainland- Business and Other	5	349,597	2%
Mainland- Health Organizations	1	134,495	1%
Mainland- Non-Profit Organizations	5	185,987	1%
National Aeronautics and Space Administration	2	399,365	3%
National Science Foundation	5	599,108	4%
US Colleges and Universities	10	481,312	3%
Overall - Total	86	15,588,798	100%

**Extramural Non-Research Awards for the Month of
Apr 1, 2015 to Apr 30, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	2	746,404	5%
DHHS-Dept of Health and Human Services	2	380,000	2%
DOC-Dept of Commerce	1	295,500	2%
DOD-Department of Defense	1	112,497	1%
Federal Agencies	1	10,000	0%
Foreign	6	2,801,336	17%
Hawaii- Business and Other	2	107,225	1%
Hawaii- Dept of Education	2	584,907	4%
Hawaii- Government Agencies	10	1,417,795	9%
Hawaii- Health Organizations	1	162,374	1%
Hawaii- Non-Profit Organizations	13	4,539,333	28%
Mainland- Business and Other	1	34,560	0%
Mainland- Non-Profit Organizations	3	417,397	3%
National Aeronautics and Space Administration	1	3,712,678	23%
National Science Foundation	1	580,769	4%
US Colleges and Universities	4	284,645	2%
Overall - Total	51	16,187,420	100%

**Year to Date Extramural Research Awards
Jul 1, 2014 to Apr 30, 2015
Distribution by Sponsor**

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	41	9,180,815	5%
DHHS-Dept of Health and Human Services	58	40,959,517	21%
DOC-Dept of Commerce	52	19,244,094	10%
DOD-Department of Defense	52	41,625,761	22%
DOE-Dept of Energy	9	2,119,991	1%
DOI-Dept of Interior	65	5,862,324	3%
ED-Dept of Education	1	472,304	0%
Federal Agencies	5	399,252	0%
Foreign	21	2,896,700	2%
Hawaii- Business and Other	20	1,518,750	1%
Hawaii- Dept of Education	2	635,879	0%
Hawaii- Government Agencies	156	18,779,375	10%
Hawaii- Health Organizations	5	358,915	0%
Hawaii- Non-Profit Organizations	96	5,724,264	3%
Mainland- Business and Other	45	1,792,396	1%
Mainland- Health Organizations	5	479,242	0%
Mainland- Non-Profit Organizations	48	3,630,900	2%
National Aeronautics and Space Administration	55	8,795,309	5%
National Science Foundation	49	17,615,742	9%
US Colleges and Universities	99	9,625,888	5%
Overall - Total	884	191,717,418	100%

Year to Date Extramural Non-Research Awards
Jul 1, 2014 to Apr 30, 2015
Distribution by Sponsor

Sponsor Type	Award Count	Award Amount	Percentage
DA-Dept of Agriculture	13	3,518,558	2%
DHHS-Dept of Health and Human Services	35	16,838,279	10%
DOC-Dept of Commerce	14	2,001,462	1%
DOD-Department of Defense	6	1,007,857	1%
DOI-Dept of Interior	9	422,725	0%
ED-Dept of Education	65	35,459,893	22%
Federal Agencies	10	15,088,512	9%
Foreign	36	7,699,819	5%
Hawaii- Business and Other	24	2,678,465	2%
Hawaii- Dept of Education	18	5,662,136	4%
Hawaii- Government Agencies	133	25,226,921	16%
Hawaii- Health Organizations	28	8,796,507	5%
Hawaii- Non-Profit Organizations	134	11,426,583	7%
Mainland- Business and Other	17	1,870,352	1%
Mainland- Health Organizations	2	87,500	0%
Mainland- Non-Profit Organizations	28	4,630,446	3%
National Aeronautics and Space Administration	8	10,695,526	7%
National Science Foundation	15	5,683,111	4%
US Colleges and Universities	25	1,861,364	1%
Overall - Total	620	160,656,016	100%